FIGURE 1

Colony Abundance Distribution
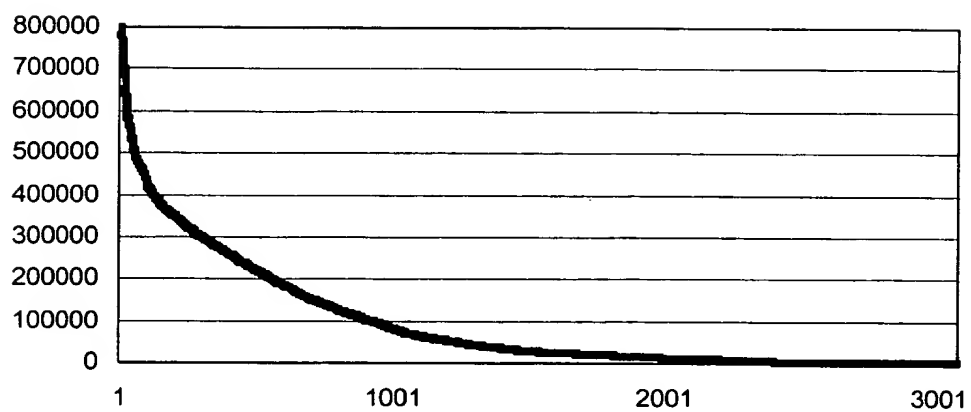

FIGURE 2
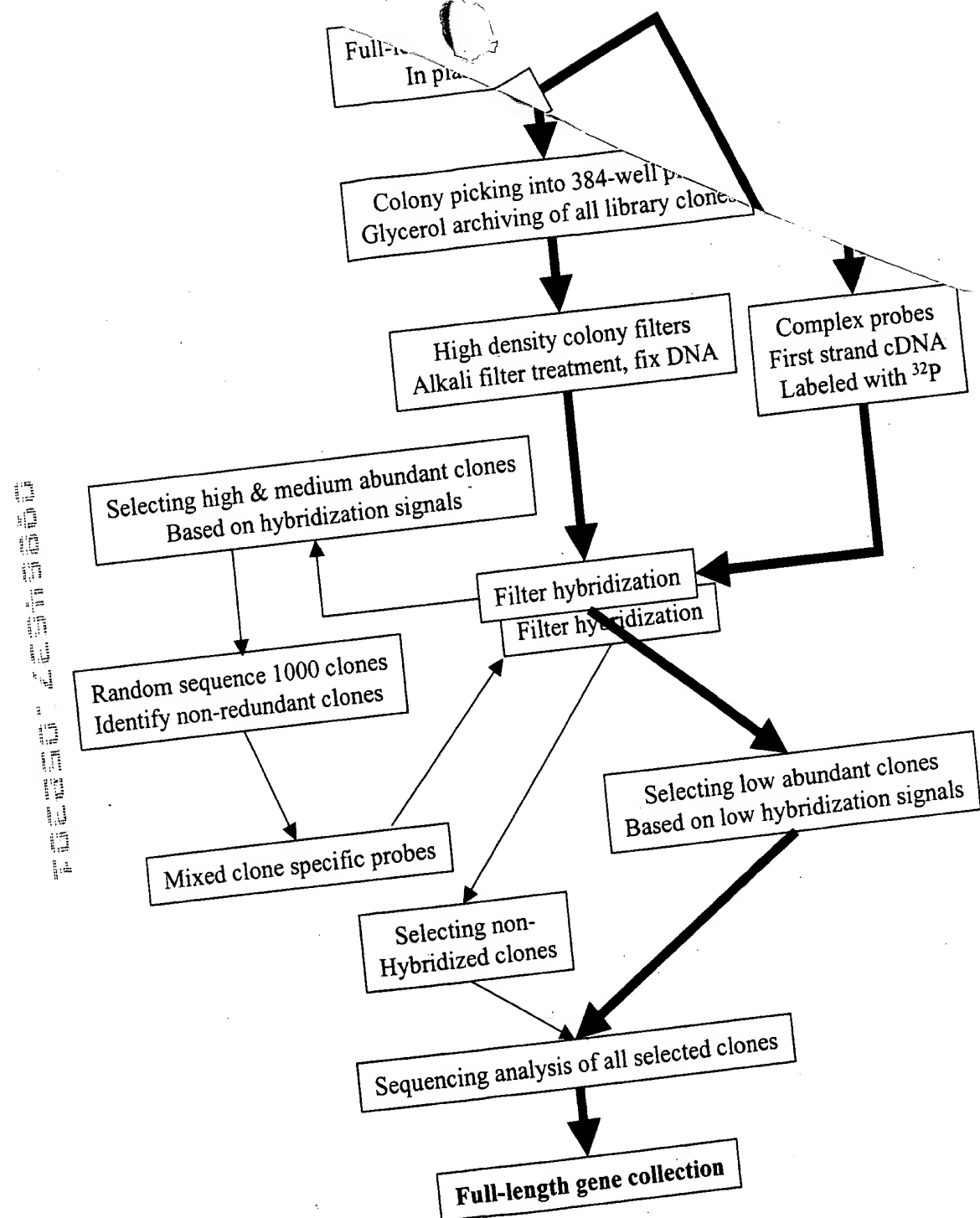
Full-l...
In p...

Colony picking into 384-well p...
Glycerol archiving of all library clone...

High density colony filters
Alkali filter treatment, fix DNA

Complex probes
First strand cDNA
Labeled with ^{32}P

Selecting high & medium abundant clones
Based on hybridization signals

Filter hybridization
Filter hybridization

Random sequence 1000 clones
Identify non-redundant clones

Mixed clone specific probes

Selecting low abundant clones
Based on low hybridization signals

Selecting non-
Hybridized clones

Sequencing analysis of all selected clones

Full-length gene collection

FIGURE 3